

Supt W. Kew

E. G. List was an  
electrical engineer who worked @ the  
Almstead Plant & was its Supt  
He was very knowledgeable about  
Electricity  
He Retired to Greek Gout Power Plants

W. Power started 1912 with flume  
straight -

Tunnel enlarged at mouth  
#4 larger pipe 1923-4-?

Crane still behind Power  
house shop.

expected one, given Xerox's investment in office systems and technology, is a natural link to the Ethernet local area network (LAN) standard. The hook-up to Ethernet (or any other LAN) is made by plugging a special board into one of the system's expansion slots. While having a built-in LAN hook-up is an attractive feature that will no doubt drum up additional sales, it may have been a better idea to have a dedicated Ethernet port wired into the motherboard and built into the 6065's chassis, rather than require a board which takes up one of the system's expansion slots.

#### Step-By-Step Simplicity

Despite its imposing five-box delivery format (monitor, CPU, software, random-access memory (RAM) expansion, and keyboard — as compared to the standard one-to-three carton combination for the IBM PC and compatibles), installing and setting up the Xerox 6065 was a quick and easy affair.

Guided by excellent step-by-step documentation (thoughtfully packaged with two flatblade screwdrivers for use during the installation process), it took me less than half an hour to unpack and set up the entire system and install an add-on memory board.

As with other Olivetti-produced machines, the top cover of the Xerox 6065 CPU unit slides off easily, with the I/O Expansion Bus slots visible in the upper left corner. According to the manufacturer, one of these seven slots is used for the rigid disk controller, which comes pre-installed in the system. I installed a 256K-byte RAM card, which doubled the 6065's base memory to 512K bytes. This left five expansion slots free.

The 6065 features both parallel and serial ports on the rear of the unit, along with a port for the keyboard. Unlike the IBM PC and most other compatibles, the 6065 uses a custom jack for its keyboard port, meaning only keyboards designed with a particular connector can be used, eliminating the possibility of using standard replacement keyboards from firms like KeyTronics. There are also connectors for a monitor power cord (not needed with the monochrome unit tested) and the main power cord.

The keyboard contains a standard connector for a mouse/pointer device available from Xerox. The pointer operates via a small optical scanner, which reads positions from a piece of gray-coated cardstock supplied with the unit. In operation, this mouse is just as easy to use as the traditional trackball devices, though you may wonder why that familiar rolling sound is strangely absent as the mouse glides across the desktop. (Also, I found that the gray cardstock isn't the only surface the mouse will read for directions, although it is the best to use.)

#### An Easily-Organized Hard Disk

The 6065 I tested contained a 10M-byte hard drive that was distinguished by its easy partitioning and formatting. Even the novice will have no trouble at all getting this disk drive up and running. As with the ScreenMate operating shell, hard and floppy disk maintenance is accomplished through programs which rely on Function keys and offer step-by-step instructions.

Basically, instead of mastering a series of DOS commands, the 6065's hard disk can be formatted using a series of multiple choice menus. The system operates much like an automatic banking machine, leading the user through the multiple choice menus and making formatting a cinch.

The 6065 operates quickly and efficiently. My testing consisted chiefly of running and using two relatively standard business programs: WordPerfect, Version 4.0 and SuperCalc 3, Version 2.0. Other programs, such as TopView, were tested for system compatibility, but not used as extensively as the word processor and spreadsheet. In each case, the Xerox 6065 came through with flying colors.

#### Avoiding the Applications Tangle

The 6065 is designed to be simple to use, both from a hardware and particularly a software standpoint. Contributing to this goal is ScreenMate, a software operating "shell" included with the system, through which a user can select programs or many DOS functions. It functions like IBM's TopView, but is much easier to install. Basically, after ScreenMate is copied onto the hard disk, a menu file of desired pro-

## PC Products Spec Box

### XEROX CORP.

#### Xerox 6065 Personal Computer

A 10M-byte hard disk computer system featuring either 256K bytes or 512K bytes RAM, both expandable to 640K bytes, and based on a 16-bit, 8MHz Intel 8086-2 microprocessor. It also accepts an 8087-2 math co-processor for number-intensive applications. System features include seven expansion slots; parallel, serial, and keyboard ports, and a clock/calendar. MS DOS 2.11 and GW BASIC are supplied, along with ScreenMate, a user-selectable menu-driven operating system interface that simplifies control of basic system functions like copying disks and files.

The system's monochrome and color monitors both provide 640 by 400 pixel resolution, full graphics capabilities, a 12-inch non-glare screen, and swivel and tilt housing. The tilting PC keyboard contains 83 keys, a numeric keypad, 10 Function keys, and a mouse interface.

The 6065 can also be converted into a combination dedicated word processor and personal computer by installing specialized software and a unique word processing keyboard. The 6065 can be linked to the Xerox Ethernet LAN with a hardware expansion board.

Prices: \$4,485 (with 256K bytes RAM and a monochrome display); \$4,985 (with 256K bytes RAM and a color display); \$5,050 (with 512K bytes with a monochrome display); \$5,550 (with 512K bytes and a color monitor.) The optical mouse costs \$195.

Compatibility: Level I (See Page 132).

Xerox Corp., Xerox Square 006, Rochester, N.Y. 14644; (716) 423-5078.

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grams is edited and loaded each time the system is started.

What the program actually does is enable a user to enter the necessary drive, path, and program name once, have this "masked" behind a descriptive name, which can be generic or specific, and then simply make that